

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A probe sheet unit being a sensing section of a semiconductor wafer measuring instrument comprising:

- a base plate mountable to a prober of the ~~instrument~~ instrument;
- a sheet member ~~with a flexibility~~ mounted to the base plate; and
- plural measurement probes provided on one surface of the sheet member, wherein

the plural measurement probes are ~~arranged on said surface of the sheet member and~~ elastically deformable respectively in response to a force acting on the top thereof for varying proximity from the top of the probe to said sheet member in vertical directions by respectively ~~contacting with a plurality of electrodes arranged on a surface of a measurement objective and~~

said sheet member ~~in part or in whole~~ is elastically deformable ~~[[by]]~~ in response to a force acting thereon through the respective measurement probes for varying proximity therefrom to said base plate ~~and thereby is capable of vertical displacement.~~

Claim 2 (previously presented): A probe sheet unit according to claim 1, wherein wiring patterns are formed inside and/or on a surface of the sheet member and an external electrode

connected electrically to the probes through the wiring patterns is provided on the surface of the sheet member.

Claim 3 (previously presented): A probe sheet unit according to claim 2, wherein circuit elements are provided inside and/or on a surface of the sheet member and the circuit elements are connected electrically to the wiring patterns.

Claim 4 (previously presented): A probe sheet unit according to claim 1, wherein each of the probes is curved and supported at one end thereof and a reinforcing member with an elasticity higher than a probe is provided integrally with the probe on a surface thereof facing the sheet member along the length direction.

Claim 5 (previously presented): A probe sheet unit according to claim 1, wherein each of the probes is curved and a top portion thereof is contactable with said electrodes of the measurement objective, and an reinforcement member with an elasticity higher than the probe is provided on said surface of the sheet member to be located between the sheet member and an opposite side of the probe from the top thereof.

Claim 6 (currently amended): A probe sheet unit according to claim 1, wherein the sheet member is made of a material with a linear expansion coefficient in the range of from 2.5 to 10.5 $\text{ppm}/\text{°C}$ ~~$\text{ppm}/\text{°C}$~~ .

Claim 7 (previously presented): A probe sheet unit according to claim 1, wherein an elastic member interposed between the base plate and the sheet member.

Claim 8 (Canceled).